



DEPARTMENT OF THE NAVY

NORTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
BUILDING 77L, U.S. NAVAL BASE
PHILADELPHIA, PENNSYLVANIA 19112-5094

IN REPLY REFER TO

5090

Ser 1555/1821/FK

19 FEB 1992

Mr. David Brayack
Project Manager
Halliburton NUS Environmental Corporation
661 Andersen Drive
Pittsburgh, PA 15220

Re: COMMENTS ON THE ROUGH DRAFT REMEDIAL INVESTIGATION REPORT FOR
THE NAVAL WEAPONS INDUSTRIAL RESERVE PLANT BETHPAGE, NY

Dear Mr. Brayack:

This letter forwards NORTHNAVFACENGCOM's review comments of the Rough Draft Remedial Investigation Report for NWIRP Bethpage, New York. Due to the limitations of the project schedule, each comment may be responded to via phone conversation. Upon agreement by the Navy to your responses, the Draft Remedial Investigation Report should be revised accordingly and submitted by March 2, 1992.

If there are any other questions or concerns, please contact me at (215) 897-6432.

Sincerely,

A handwritten signature in cursive script, reading "Frank Klanchar", is positioned above the typed name.

FRANK KLANCHAR
Remedial Project Manager
By direction of the Commanding Officer

**NORTHNAVFACENGCOM Review Comments
on the
Rough Draft Remedial Investigation Report
for
NWIRP Bethpage , NY**

Comments:

1. Please include an Executive Summary at the beginning of the report. It should consist of information such as: 1) the activity's location, mission, and history, 2) information from the Initial Assessment Study, 3) a discussion of the RI activities, and 4) a brief summary of each site's historical usage, past disposal practices, detected contamination, and risk assessment.

2. Figure 1-2: Please highlight or cross-hatch the property boundary of NWIRP Bethpage.

3. Figure 1-2: Please highlight or cross-hatch the three potentially contaminated areas.

4. Chapter 1: Renumber Section 1.3.4 to 1.4 and rename this section "Summary of Grumman Activities". This section shall include the following subsections:

- 1.4.1 Previous Grumman Investigations
- 1.4.2 Grumman RI/FS Activities

Section 1.4.1 will consist of the narrative, tables and figure from Section 2.1.1.

5. Chapter 2: Revise the format of the Chapter to the following:

- 2.0 Field Program Descriptions and Rationale
 - 2.1 Soil-Gas Survey
 - 2.2 Temporary Monitoring Well Survey
 - 2.3 Soil Borings and Sampling
 - 2.4 Surface Soil Sampling
 - 2.5 Monitoring Well Installation
 - 2.6 Groundwater Sampling
 - 2.7 Surface Water and Sediment Sampling
 - 2.8 Water Level Measurements
 - 2.9 Horizontal and Vertical Elevation Survey

Please use the past tense for all narratives in this Chapter.

6. Chapter 2: Based on the above comment, only the narrative for the soil-gas and temporary monitoring well program should be presented in Chapter 2. The results should be discussed in Chapter 4.

Comments:

7. Page 2-2: Please include wells 10595, 10629, 7636, and 8643 on Figure 2-1 as they are described in the text.
8. Page 2-24; Section 2.4.1, 3rd para.: Revise the dimension of the split-spoon sampler.
9. Table 2-6: Please explain the subscripts "DL" after the temporary well number.
10. Chapter 2: Page 2-31; Include a statement that the surveying coordinates are located in an Appendix. The Appendix should include a brief sentence or two on survey method, control points, allowable error, etc. and a tabulation of the wells and coordinates.
11. Chapter 3: Include Climate and Meteorology with "Activity Background Information" (Chapter 1.3.1).
12. Chapter 4: Rather than structure this chapter according to the type of investigative activities at each site, reorganize to present information on a site basis. A suggested format would be the following:
 - 4.0 Nature and Extent of Contamination
 - 4.1 Former Drum Marshaling Area (Site 1)
 - 4.1.1 Soil-Gas
 - 4.1.2 Temporary Monitoring Well
 - 4.1.3 Subsurface Soils
 - 4.1.4 Groundwater (including production wells)
 - 4.1.5 Surface Water and Sediments
 - 4.1.6 Subsurface Soils
 - 4.1.7 Summary
 - 4.2 Recharge Basins (Site 2)
 - 4.1.1 Soil-Gas
 - etc...
 - 4.3 Salvage Storage Area (Site 3)
 - etc...
13. Chapter 4: Please include tables showing groundwater results on a per well basis at each site.
14. Page 5-2, 3rd para.: Please include a graphic showing the degradation of chlorinated aliphatic hydrocarbons.
15. Chapter 7: Please reorganize the chapter to discuss the summary and conclusions on a site basis. Include any data limitations or recommendations for future work to fill data gaps.